

SECRET

PRIORITY

OUT59635

SECRET 301958Z CITE [ ] 8298

1966 AUG 30 20 13Z

25X1

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ATTN: [ ]

SUBJ: EVALUATION OF MISSION GT-278-66

1. CAMERA B-229 WAS USED IN MISSION GT-278-66 FLOWN ON 12 AUG 66. PROCESSING WAS ACCOMPLISHED IN THE FIELD.

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE WAS ADEQUATE, BUT THE RESOLUTION VARIED THROUGHOUT THE MISSION. FRAMES FROM THE 1L CAMERA POSITION REPRESENT THE BEST IMAGE QUALITY OF THE MISSION. FURTHERMORE, THE 1L PHOTOGRAPHY IS BETTER THAN THE BEST FROM PREVIOUS "B" CAMERAS. FRAMES FROM THE VERTICAL CAMERA POSITION SHOW IMAGE DEGRADATION THROUGHOUT THE MISSION, BELIEVED TO BE CAUSED BY A NONDIRECTIONAL HIGH FREQUENCY VIBRATION. FRAMES FROM THE 1R CAMERA POSITION ALSO SHOW IMAGE DEGRADATION EARLY IN THE MISSION, BUT IMPROVE TO IMAGE QUALITY NEARLY EQUAL THAT OF CAMERA POSITION 1L BY THE END OF THE MISSION. FRAMES FROM 2R AND 2L CAMERA POSITION ALSO HAVE IMAGE DEGRADATION IN THE EARLY PART OF THE MISSION BUT SHOW SOME IMPROVEMENT TOWARD THE END OF THE MISSION. THE ABOVE MENTIONED IMAGE DEGRADATION OF THE 1R, 2R AND 2L CAMERA POSITIONS IS ALSO BELIEVED TO BE CAUSED BY THE SAME PROBLEM OBSERVED ON THE VERTICAL FRAMES. ALL DEGRADATIONS, THOUGH READILY OBSERVABLE, DO NOT SERIOUSLY DEGRADE PHOTO INTERPRETABILITY.

31 AUG 1966

25X1

DISPOSITION	Action
1L	
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B. 9R SIDE: FRAME 1412 CONTAINED THE ONLY 3R CAMERA POSITION EXPOSURE OF THE MISSION. THIS OCCURRED AT A CAMERA ON/OFF COMMAND. ON ALL VERTICAL FRAMES THE VERTICAL DOT INDICATOR WAS ADEQUATELY EXPOSED THROUGH PARTIALLY OBSCURED (POSSIBLE MISALIGNMENT), ALL OF THE FRAMES FROM THE IR CAMERA POSITION HAVE A VERY FAINT DOT IN THE SAME PLACE AND OF THE SAME SHAPE AS THE VERTICAL DOT INDICATOR. FRAME 796 AND 797 (THE LAST FRAME OF ROLL ONE AND THE FIRST FRAME OF ROLL TWO) ARE DEGRADED BY A PROCESSING LIGHT LEAK AND BY AN EMULSION SCRATCH ON FRAME 796. FIVE TENTH OF AN INCH OF FRAME 796, ONE INCH OF FRAME 797 AND THE FIVE TENTH INCH GAP BETWEEN FRAMES (MEASURED AT THE INBOARD SIDE) ARE MISSING. THE MISSING PART OF FRAME 796 APPEARS TO HAVE INCLUDED SOME IMAGERY.

C. 9L SIDE: THE VERTICAL DOT INDICATOR IS PARTIALLY OBSCURED INDICATING A POSSIBLE MISALIGNMENT. A MANUFACTURER'S SPLICE APPEARS IN THE MIDDLE OF FRAME 0392. FRAME 0574 IS UNDER-EXPOSED AND THE CAMERA POSITION INDICATOR IS OMITTED. THE FILM WAS CUT BETWEEN FRAME 0795 AND 0796. NO LEADER WAS ATTACHED AT THIS CUT AND 0.5" OF FRAME 0795 IS MISSING AS WELL AS, 2.7" OF FRAME 0796. OUT OF THE REMAINING 15.3" OF FRAME 0796, 3.5" IS TOTALLY FOGGED. THE ABOVE MEASUREMENTS ARE FROM THE INBOARD EDGE.

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D. BOTH SIDES: IMAGERY STARTED AT FRAME 0003 AND CONTINUED THROUGH FRAME 1411. APPARENT INTERNAL REFLECTION FROM THE CAMERA FORMAT EDGE APPEARS ALONG BOTH OUTBOARD EDGES, THE TAKE UP EDGE AND THE SUPPLY EDGE OF THE FORMAT THROUGHOUT THE MISSION. THE

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DATA BLOCK IS UNDER EXPOSED MAKING IT DIFFICULT TO READ THE CLOCK.  
A CAMERA OFF OCCURRED AT FRAME 0577, FRAME 1073, AND FRAME 1411.

E. NO MAJOR CAMERA AND PROCESSING MALFUNCTIONS ARE PRESENT  
IN THIS MISSION.

3. NO POSITIVE HAS BEEN PRODUCED AT THIS TIME.

S E C R E T

-END OF MESSAGE-

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